

## General Offices/3M

3M Center  
St. Paul, Minnesota 55144-1000  
(612) 733-1110

REC'D APR 15 1987

04-40

MATERIAL SAFETY  
DATA SHEET**3M**

DPM 570

DIVISION: ADHESIVES, COATINGS AND SEALERS  
TRADE NAME: SCOTCH-SEAL(R) Tamper Proof Sealant 1252  
(Orange)  
3M I.D. NUMBER: 62-1921-2640-7  
ISSUED: OCTOBER 17, 1986  
SUPERSEDES: SEPTEMBER 22, 1986  
DOCUMENT: 10-8614-9

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1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
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synthetic rubber	N/A		N/D 5
phenolic resin and epoxy resin	N/A		N/D 5
chlorinated paraffin and salicylic acid	N/A		N/D 5
bis-tributyltin-n-octyl succinate	67701-37-5		N/D 5
mica and orange dye	N/A		N/D 5
calcium carbonate	1317-65-3		10 mg/m3 1
titanium dioxide	13463-67-7		10 mg/m3 1
zinc oxide	1314-13-2		10 mg/m3 1
TOTAL OF THE ABOVE	N/A	72.0	N/D 5
methyl ethyl ketone (MEK)	78-93-3	24.0	200 ppm 1
antimony trioxide	1309-64-4	4.0	.5 mg/m3 Sb 1

## SOURCE OF EXPOSURE LIMIT DATA:

1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

## ABBREVIATIONS:

N/D - Not Determined  
N/A - Not Applicable

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## 2. PHYSICAL DATA

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BOILING POINT:	176F (MEK)
VAPOR PRESSURE:	368F 80 mm
VAPOR DENSITY (Air=1):	2.5
EVAPORATION RATE (Ether=1):	2.7
APPEARANCE AND ODOR:	Orange paste, solvent odor
SOLUBILITY IN WATER:	Slight
SP. GRAVITY (Water=1):	1.5
PERCENT VOLATILE:	24%
VISCOSITY:	200-1,000 cps
pH:	N/A

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**3. FIRE AND EXPLOSION HAZARD DATA**

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FLASH POINT (Closed Cup): 20F  
FLAMMABLE LIMITS - LEL: 1.8 UEL: 11.5

**EXTINGUISHING MEDIA:**

CO2, foam, dry chemical, water

**SPECIAL FIRE FIGHTING PROCEDURES:**

Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Extremely flammable. Overheated, closed containers adjacent to fire could explode due to pressure buildup.

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**4. REACTIVITY DATA**

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STABILITY: STABLE

**INCOMPATIBILITY - MATERIALS TO AVOID:**

N/A

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

**HAZARDOUS DECOMPOSITION PRODUCTS:**

CO, CO2, Sb2O4, Sb2O5 and smoke particles.

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**5. ENVIRONMENTAL INFORMATION**

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**SPILL RESPONSE:**

Observe precautions in all sections. Extinguish all ignition sources. Collect spilled material, cleanup residue and store in closed metal container (U.S. Dept. of Transportation approved if waste will be shipped).

**RECOMMENDED DISPOSAL:**

Commercial incineration with destruction and removal efficiency greater than 99.99% or reclamation is preferred. Otherwise, dispose in accordance with local and current regulations or authorities.

U.S. EPA Hazardous Waste Number: D001 (Ignitable).

**ENVIRONMENTAL DATA:**

N/D

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**6. SUGGESTED FIRST AID**

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**EYE CONTACT:**

Immediately flush eyes with plenty of water for at least 10 minutes.  
Call a physician.

**SKIN CONTACT:**

Wash with soap and water.

**INHALATION:**

Provide fresh air. If not breathing, give artificial respiration.  
Call a physician.

**IF SWALLOWED:**

Do not induce vomiting. Drink two glasses of milk or water. Call a  
physician. Do not give liquids to an unconscious person.

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**7. PRECAUTIONARY INFORMATION**

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Keep product and its vapors away from heat, sparks, flame and other  
sources of ignition. Use only in areas with ventilation sufficient  
to maintain concentrations of material below recommended exposure  
limits. Avoid prolonged breathing of vapors. Avoid eye and skin  
contact; wear safety glasses and impervious gloves when handling  
product. Keep container closed when not in use. Keep out of the  
reach of children.

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**8. HEALTH HAZARD DATA**

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**EYE CONTACT:** Liquid and vapor may cause eye irritation.

**SKIN CONTACT:** May cause skin irritation on prolonged or repeated contact.

**INHALATION:** Vapor overexposure may cause respiratory system irritation and light-headedness. Methyl ethyl ketone (MEK) is a potential embryo/fetotoxin based on laboratory animal studies. There is no evidence of reproductive effects associated with human exposure to methyl ethyl ketone (MEK). Symptoms of overexposure include headache, dizziness, weakness, fatigue, and on extreme overexposure, unconsciousness.

**INGESTION:** May cause digestive system irritation and light-headedness. Symptoms of ingestion may include nausea and vomiting. Solvent aspiration into the lungs may cause lung damage or, in the extreme, death.

**NOTE:** Antimony trioxide has been found to cause cancer in laboratory animal studies. Antimony trioxide is bound in this product so exposure by inhalation is not expected.

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.